

Typical Annealing Reaction

Overview: This protocol is inspired by NEB ones.

Materials:

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| Primer | 1µg |
| 10X T4 Ligase buffer | 5 µl |
| Nuclease-free water | To 50 µl |
| Incubation | 85°C for 10 minutes, cool slowly (60 min) |



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| Primer | 1 µg = all the 50 µl of the previous reaction |
| 10X T4 Ligase buffer | 6 µl |
| T4 PNK | 1 µl |
| Nuclease-free water | To 60 µl |
| Incubation | 37°C for 30 minutes |